

REMARKS

Please reconsider the application in view of the above amendments and the following remarks. Applicant thanks the Examiner for carefully considering this application. Applicant also thanks the Examiner for acknowledging that the drawings filed on April 15, 2004 are acceptable.

Revocation and Substitution of Power of Attorney

A revocation and substitution of power of attorney under 37 CFR §1.36 for the present patent application was filed on December 29, 2006. A courtesy copy of the revocation and substitution of power of attorney is enclosed.

Disposition of Claims

Claims 1-40 were pending in the present patent application. By way of this reply, claims 1-40 have been cancelled without prejudice or disclaimer. Also by way of this reply, claims 41-57 have been added. Accordingly claims 41-57 are now pending in the present patent application. Claims 41, 49, and 57 are independent. The remaining claims depend, either directly or indirectly, on claims 41 and 49.

Claim Amendments

Claims 41-57 have been added by this reply. Applicant respectfully asserts no new matter has been introduced by way of these additions as support for these additional may be found, for example, in Figure 20, and page 31 of the specification and original claims as filed.

Rejections under 35 U.S.C. §112

Claims 1, 2, 5, 6, 8, 9, 11, 12, 15, 16, 18, 19, 21, 22, 25, 26, 28, 29, 31, 32, 35, and 36 stand rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. By way of this reply, claims 1, 2, 5, 6, 8, 9, 11, 12, 15, 16, 18, 19, 21, 22, 25, 26, 28, 29, 31, 32, 35, and 36 have been cancelled and thus the rejection is moot as to those claims. Accordingly, withdrawal of this rejection is respectfully requested.

Rejections under 35 U.S.C. §103

Claims 1-40 stand rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent Publication No. 2002/0095453 (hereinafter “Steensgaard”) in view of U.S. Patent Publication No. 2005/0015417 (hereinafter “Lewis”). By way of this reply, claims 1-40 have been cancelled and thus the rejection is moot as to those claims. Accordingly, withdrawal of this rejection is respectfully requested.

New Claims

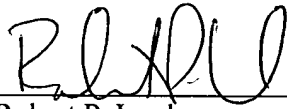
Applicant respectfully asserts that Steensgaard fails to teach or suggest at least comparing the first entry with a popular-object threshold to generate a first comparison and evacuating a first object based on the first comparison to reclaim memory of the computer system for reuse, as recited by newly added independent claims 41, 49, and 57. Applicant also respectfully asserts that Lewis does not teach or suggest what Steensgaard lacks. Accordingly, independent claims 41, 49, and 57 are patentable over Steensgaard and Lewis. Claims 42-48 and 50-56 depend, either directly or indirectly, from claims 41 and 49 and are allowable for at least the same reason.

Conclusion

Applicant believes this reply is fully responsive to all outstanding issues and places this application in condition for allowance. If this belief is incorrect, or other issues arise, the Examiner is encouraged to contact the undersigned or his associates at the telephone number listed below. Please apply any charges not covered, or any credits, to Deposit Account 50-0591 (Reference Number 33226/980001; P8304).

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Respectfully submitted,

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Enclosure – Courtesy Copy: Revocation and Substitution of Power of Attorney under 37 CFR §1.36 filed December 29, 2006.

202412_1

APPENDIX A

1. Patent Application/Serial No.: 10/824,968

Title: PARALLEL REMEMBERED-SET
PROCESSING RESPECTING POPULAR-
OBJECT DETECTION

Filed: 04/15/2004

Assignee: Sun Microsystems, Inc.

Reel/Frame No.: 015221/0743

Reference No: 33226/980001;P8304